

operating at level of service (LOS) B and, without any improvements will be at LOS D by the year 2030, based on traffic growth projections. The proposed cross section, a four-lane facility, will provide a capacity of approximately 37,700 vpd and will improve the level of service to A.

- **Safety Issues:** A section of SR 1410 is ranked among Davie County's highest crash locations. The intersection of SR 1410 with US 158 is among the highest crash intersections in the county. The accidents on this section of SR 1410 usually involve frontal impact crashes. If no improvements are made to SR 1410, increasing traffic congestion will result in the potential for increased accident rates. However, the recommended improvements to SR 1410 will provide increased capacity, greater maneuverability, and more control of access, resulting in safer driving conditions.
- **Social Demands and Economic Development:** SR 1410 carries traffic north-south through the northern part of Davie County. Development is currently rural along the route. The anticipated future development in this area is moderate. However, traffic will continue to increase since many motorists consider this an optimal route when accessing NC 801, I-40, and US 158. The recommended improvements to SR 1410, in addition to accommodating the expected traffic increase, may also help to spur economic development.
- **System Linkage:** Because of the significance of SR 1410 in serving small local communities and traffic generators, it is important that the highway is kept in good operating condition. Further, SR 1410 plays an extremely crucial role in providing continuous north-south travel across the county.
- **Relationship to Other Plans:** This facility is not directly related to any other thoroughfare plan.

Widening Projects

The following projects are recommended to be widened to improve safety and capacity. Each of the sections of roadway listed below currently has lane widths less than 12 feet and, based on the volume of traffic on the road, are recommended to be widened. Before any roadway improvements are made, especially to roads that are part of the NC Bike Route system, the NCDOT Division of Bicycle and Pedestrian Transportation should be consulted on the most appropriate cross section.

- **SR 1139 (Jericho Road):** It is recommended that SR 1139 be widened from two 9-foot lanes to two 12-foot lanes from SR 1147 (Davie Academy Road) to SR 1121 (Gladstone Road).
- **SR 1143 (Davie Academy Road):** It is recommended that SR 1143 be widened from two 9-foot lanes to two 12-foot lanes from US 64 to I-40.
- **SR 1801 (Deadmon Road):** It is recommended that SR 1801 be widened from two 9-foot lanes to two 12-foot lanes from US 601 to NC 801.
- **SR 1802 (Turrentine Road):** It is recommended that SR 1802 be widened from two 10-foot lanes to two 12-foot lanes from NC 801 to the end of state maintenance.

Intersection Improvements